

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 10-028269

(43)Date of publication of application : 27.01.1998

(51)Int.Cl.

H04N 7/32

(21)Application number : 08-205096

(71)Applicant : MATSUSHITA ELECTRIC IND CO LTD

(22)Date of filing : 02.08.1996

(72)Inventor : KUROBE AKIO
MASAKI SHOICHI
SHINODA MAYUMI

(30)Priority

| | | |
|----------------------------|----------------------------|-----------------------|
| Priority number : 07197734 | Priority date : 02.08.1995 | Priority country : JP |
| 07280886 | 27.10.1995 | JP |
| 08116764 | 10.05.1996 | JP |

(54) PICTURE-ENCODING DEVICE AND PICTURE-TRANSMISSION SYSTEM USING THE SAME AND QUANTIZATION CONTROLLING METHOD AND MEAN THROUGH-PUT CALCULATING METHOD USED FOR THE SAME

(57)Abstract:

PROBLEM TO BE SOLVED: To suppress a transmission delay time, and to attain smooth dynamic image display, even when the generated information amounts rapidly increase due to the rapid movement of a subject, or a communicating state is fluctuating.

SOLUTION: Image data encoded by an encoding device 12 are temporarily stored in a temporary buffer 13 before being transmitted to a transmission buffer 171. When the information amounts of an image frame stored in the temporarily buffer 13 are larger than a preliminary set threshold value, a dropping and quantization controller 16 cancels the image data in the temporarily buffer 13, sets a quantization value with a quantization step width larger than a quantization step width used at the time of encoding the picture frame stored in the temporarily buffer 13, and outputs it to the encoding device 12.

